



TREMproof® SA

HDPE Surfaced Bituminous Waterproofing Membrane

DESCRIPTION

TREMproof SA is a self-adhesive polymer modified bituminous, waterproofing sheet membrane laminated onto a tough HDPE film on one side and silicone release film on the other. TREMproof SA conforms to the requirements of BS 8102.

BASIC USES

- TREMproof SA is used as waterproofing or damp proofing membrane intended for concrete protection.
- It may be used for horizontal and vertical application for tanking below ground structures, subways and retaining walls.

FEATURES & BENEFITS

- Safe, easy and fast installation
- No need for special equipment
- Excellent initial and long-term adhesion
- Crack bridging ability
- High tear resistance
- High puncture resistance

PACKAGING

TREMproof SA 1.5mm

1m X 10m roll weight 16kg

1m X 20m roll weight 32kg

TREMproof SA 2.0mm

1m X 10m roll weight 21kg

1m X 15m roll weight 31kg

DIRECTIONS FOR USE

The application temperature should be between 4°C to 45°C. Application procedure may vary slightly depending upon site condition. The general recommended guidelines for the application of the self-adhesive waterproofing system is as follows:

Surface Preparation: The surface shall be cleaned thoroughly of all contaminants such as dust, traces of curing compounds, oil and grease. All surface imperfections, protrusions, structurally unsound and friable concrete must be removed and repaired with a suitable EUCOCRETE concrete repair mortar.

Priming: Apply TREMprime (solvent based primer) @ 4 – 6 m²/litre to a clean, smooth and dry surface by brush, roller or spray. Allow the primer to dry prior to the application of the membrane. As the viscosity is low, it easily penetrates into the concrete pores which promotes the adhesion between the membrane and the concrete surface. In addition, the primer also acts as a binder for the dust which gets accumulated on the surface even after cleaning.

Alignment: Start the installation of all membrane plies from the low point or drain, so that the flow of water is over or parallel to the plies, but never against the laps. All overlaps at the membrane seams shall be installed so as to have “up” slope laps over “down” slope laps. Begin membrane application by unrolling the roll of TREMproof SA membrane and aligning the side laps.

Application: Peel of the release film from the self-adhesive side and start unrolling the membrane, pressing into the surface. Smooth the membrane from the centre to the edges with a wooden press in order to remove any entrapped air. Furthermore, an iron roller shall be used for rolling on top of the applied membrane to ensure a proper and strong adhesion of the bitumen compound with the base surface. Side overlaps shall be a minimum of 50mm on the selvedge and end overlaps 100mm.

Protection: The membrane shall be protected from damage due to ongoing site activities or from aggregates during backfilling by a tough, weather, wrap and rot proof asphaltic protection board. Alternatively, on horizontal areas the membrane can also be protected by laying a cement sand screed (50mm).

LIMITATIONS

TREMproof SA membranes are packed in loose corrugated boxes to avoid any damage during transit or during storage at sites. Care should be taken when storing the membranes on site and should not be kept within close proximity of any sharp or protruding edges to avoid puncturing or damaging the membrane.

CLEAN UP

Clean all the tools and application equipment with water immediately after use. Hardened and/or cured material can only be mechanically removed.

SAFETY PRECAUTIONS

The Technical and Safety Data Sheets must be read and understood before use.

WARRANTY

Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or colour. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase of the quantity or Tremco product proved to be defective and Tremco shall not be liable for any loss or damage.

PROPERTY	DESCRIPTION
Softening point (R&B) [°C]	> 105
Tensile strength [N/mm ²]	≥ 4.0
Elongation @ break %	≥ 900
Tear strength [N]	≥ 40
Puncture resistance [N]	≥ 300
Water absorption [%] @ 24hrs	≤ 0.05
Chemical resistance [pH]	2.5 - 11.5
Low temperature flexibility [°C]	≤ - 15
Application temperature	+10°C to +55°C
Service temperature	+4°C to +80°C
Shelf Life	12 months if stored as per recommendation.
*The above data is based on TREMproof SA Non-Reinforced.	

To find your local office address and contact details, visit

www.tremcocpg-asiapacific.com

REV31/10/22